

INFORMATION DISCLOSURE CITATION

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Applicant(s)
BEN K. KACYRA et al.

Filing Date
October 23, 1998

Group
2877

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*Examiner Initials	Document Number	Date	Name	Class	Subclass	Filing Date
SN	AA 4,658,218	04/14/87	Kennedy-Wallace et al. 6K	330	4.3	12/10/84
SN	AB 5,531,520	07/02/96	Grimson et al. 6A	382	131	09/01/94
SN	AC 4,907,586	03/13/90	Bille et al. 6A	606	5	03/31/98

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*Examiner Initials	Document Number	Date	Country	Class	Subclass	Translation YES NO
SN	AD GB 2 292 605 A	02/28/96	United Kingdom 6T	G01B	11/24	x
SN	AE 06188501	07/08/94	Japan (abstract)	H01S	3/11	x
SN	AF 57004564	01/11/82	Japan (abstract) ✓	G01S	7/48	x
SN	AG 62108172	05/19/87	Japan (abstract)	G01S	7/48	x
SN	AH DE 41 09 844 C1	03/26/91	Germany ✓	G01S	17/10	x

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SN	AI	Colin Bradley et al., "Free-form Surface Reconstruction for Machine Vision Rapid Prototyping", Optical Engineering, September 1993, Vol. 32, No. 9, pp. 2191-2200. 6T
	AJ	Chia-Wei Liao et al., "Surface Approximation of a Cloud of 3D Points", Graphical Models and Image Processing, January 1995, Vol. 57, No. 1, pp. 67-74. ✓
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06/05/99

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified) (Rev. 7-80)		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. KYRA-410 US4		Appln. No.	
INFORMATION DISCLOSURE CITATION				Applicant BEN K. KACYRA et al.			
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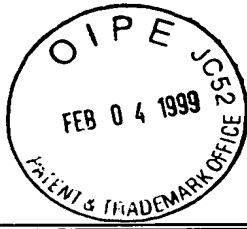
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AN			/				
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AP			/				

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	AR	Shinichi Tamura et al., "Error Correction in Laser Scanner Three-Dimensional Measurement by Two-Axis Model and Coarse-Fine Parameter Search", Pattern Recognition, March 1994, Vol. 27, No. 3, pp. 331-338. <input checked="" type="checkbox"/>
	AS	Takeo Kanade et al., "A Very Fast VLSI Rangefinder", Proceedings of the 1991 IEEE International Conference on Robotics and Automation, Sacramento, California, April 1991, pp. 1322-1329. <input checked="" type="checkbox"/>
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SN	AV	Kazuo Nakazawa et al., "Development of 3-D Robot Vision Sensor with Fiber Grating", IECON '91, 1991 International Conference on Industrial Electronics, Control and Instrumentation, October 28, 1991, Vol. 3, pp. 2368-2372. <input checked="" type="checkbox"/>

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FORM PTO-1449 (Modified)
(Rev. 7-80)

U.S. Dept. of Commerce
Patent and Trademark Office

Atty Docket No.
KYRA-410 US4

Appln. No.
09/172,935

INFORMATION DISCLOSURE CITATION

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Applicant(s)
Ben K. Kacyra et al.

Filing Date
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	*AC	5,006,721	04/09/91	Cameron et al.	250	561	03/23/90
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	*AE	5,132,977	07/21/92	Zayhowski et al.	372	10	11/29/90
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	AQ						X

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FORM PTO-1449 (Modified) (Rev. 7-80)		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. KYRA-410 US4		Appln. No. 09/177,935	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicants Ben K. Kacyra et al.		FEB - 9 1999	
				Filing Date October 23, 1998		Group 2786	
U.S. PATENT DOCUMENTS							
*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
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	BB						
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	BC						
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	*BG	Brochure by Automated Precision, Inc., "Precision Measurement and Sensing Instruments for Manufacturing," 1996, pp. front cover, 1-15 & back cover.					
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				Filing Date October 23, 1998		Group 2786	
U.S. PATENT DOCUMENTS							
*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
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	CC						
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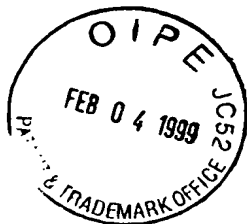
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